

CITY CHEMICAL CORPORATION -- NICKEL SULFATE HEXAHYDRATE -- 6810-00-281-2684

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Product Identification
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Product ID:NICKEL SULFATE HEXAHYDRATE

MSDS Date:05/19/1995

FSC:6810

NIIN:00-281-2684

MSDS Number: BXSBR

=== Responsible Party ===

Company Name:CITY CHEMICAL CORPORATION

Address:232 W.22ND STREET

City:NEW YORK

State:NY

ZIP:10011-2418

Country:US

Info Phone Num:201-653-6900/FAX -4468

Emerge

ncy Phone Num:201-653-6900/800-424-9300(CHEMTREC)

CAGE:83628

=== Contractor Identification ===

Company Name:CITY CHEMICAL CORPORATION

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-248-2436

CAGE:83628

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Composition/Information on Ingredients
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Ingred Name:NICKEL SULFATE(PERCENTAGE CALCULATED BY FP-D[LEVIEN] FROM
DLSC)

CAS:10101-97-0

RTECS #:QR9600000

Fraction by Wt: >95.96%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0

.1MG/M3 AS NI
ACGIH TLV:0.1MG/M3 AS NI

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===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 264 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE: HARMFUL IF SWALLOWED, INHALED
OR ABSORBED THROUGH SKIN. MAY CAUSE IRRITATION. CAUSES DERMATITIS.
MAY CAUSE ALLERGIC RESPIRATORY REACTION. CHRONIC: MAY ALTER GENETIC
MATERIAL.
Exp
Explanation of Carcinogenicity:MAY CAUSE CANCER. MUTAGEN.
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH
COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED CLOTHING AND SHOES. IF INHALED, REMOVE TO FRESH AIR.
IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS
DIFFICULT, GIVE OXYGEN IF SWALLOWED, WASH OUT MOUTH WITH WATER
PROVIDED PERSON IS CONSCIOUS CALL A PHYSICIAN. DISCARD CONTAMINATED
CLOTHING AND SHOES.

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===== Fire Fighting Measures =====

Flash Point:NONCOMBUSTIBLE
Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING
FIRE CONDITION.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.
Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE AREA. WEAR SELF-CONTAINED BREATHING
APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES. WEAR DISPOSABLE
COVERALLS AND DISCARD THEM AFTER USE.SWEEP UP, PLACE IN A BAG AND
HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA & WASH
SITE.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== **Handling and Storage**=====

Handling and Storage Precautions:STORE IN A COOL DRY PLACE. KEEP TIGHTLY CLOSED.

Other Precautions:DO NOT BREATHE DUST. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. AVOID PROLONGED OR REPEATED EXPOSURE. SENSITIZER.

===== **Exposure Controls/Personal Protection**=====

Respiratory Protection:WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR.

Ventilation:USE ONLY IN A CHEMICAL FUME HOOD.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:OTHER PROTECTIVE CLOTHING.

Work Hygienic Practices:SAFETY SHOWER AND EYE BATH. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE.

===== **Physical/Chemical Properties**=====

HCC:V1

Spec Gravity:2.070

Appearance and Odor:BLUE-GREEN CRYSTALS.

===== **Stability and Reactivity Data**=====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:SULFUR OXIDES, NICKEL/NICKEL OXIDES.

===== **Disposal Considerations**=====

Waste Disposal Methods:THIS MATERIAL SHOULD BE DISSOLVED IN 1)WATER; 2) ACID SOLUTION OR 3)OXIDIZED TO A WATER-SOLUBLE STATE. PRECIPITATE THE MATERIAL AS THE SULFIDE, ADJUSTING THE PH OF THE SOLUTION TO 7. FILTER THE INSOLUBLE & DISPOSE OF THEM IN A HAZARDOUS W

ASTE SITE.

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